



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/829,377 Confirmation No. : 7098  
First Named Inventor : Takuya SHIRAISHI  
Filed : April 22, 2004  
TC/A.U. : 3747  
Examiner : Erick R. Solis  
Docket No. : 056209.52220C1  
Customer No. : 23911  
Title : Control Apparatus for Internal Combustion Engine  
and Control Method for Internal Combustion  
Engine, Combustion Method for Internal  
Combustion Engine, and Direct Injection Engine

**AFTER-FINAL REPLY UNDER 37 CFR §1.116**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The following remarks are respectfully submitted in response to the  
Office Action dated August 5, 2005.

**Amendments to the Claims** are reflected in the listing of claims  
beginning on page 2 of this paper.

**Remarks** begin on page 4 of this paper.